Active Recombinant Firefly Luciferase, Thermostable

Cat. No. Luciferase-01F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Firefly Luciferase (Thermostable) without tag was expressed in E.coli.
Species	Firefly
Source	E.coli
Description	Produces green light with a wavelength of 562 nm.
Form	White Lyophilized Powder
Bio-activity	Specific Activity: 200 BU/mg protein Activity: 38 BU/mg solid
Purity	≥ 95% estimated by SDS-PAGE
Storage	Store it at -20 centigrade for at least 3 years. Store at 2-8 centigrade for at least 1 year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	This enzyme powder is PBS based buffer and reconstitute using H2O.

GENE INFORMATION

Synonyms	Luciferase; Luciferin 4-monooxygenase; EC:1.13.12.7

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UniProt ID	Q27757

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